

Summary of Monthly Normals
1991-2020

Generated on 04/23/2024

Current Location: Elev: 589 ft. Lat: 45.0983° N Lon: 87.6236° W

Station: MARINETTE, WI US USC00475091

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	26.1	9.5	17.8	4.4	6.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1153.0	1215.0	1308.0	1463.0	0.0	0.0	0.1	22.4	30.2	6.7
02	29.4	11.9	20.6	5.2	6.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	961.7	1017.7	1101.7	1241.7	0.0	0.0	0.6	17.1	26.9	5.0
03	39.0	21.0	30.0	4.7	4.7	4.5	1.1	0.7	0.3	0.0	0.0	0.0	776.1	837.7	930.3	1085.0	0.0	0.0	5.1	7.5	26.1	1.2
04	51.0	32.8	41.9	3.9	2.9	3.3	8.1	4.8	2.0	0.2	0.0	0.0	401.1	457.8	545.0	693.2	0.0	0.0	16.3	0.8	13.4	0.0
05	64.4	43.9	54.2	3.6	3.2	3.1	92.4	68.3	40.9	14.2	3.5	1.7	118.8	156.7	222.3	350.6	0.0	0.2	28.6	0.0	1.7	0.0
06	73.9	55.4	64.6	2.7	1.9	2.1	298.5	245.9	173.8	81.3	27.5	15.8	9.1	16.5	34.4	92.0	0.0	0.9	29.9	0.0	0.0	0.0
07	79.6	60.2	69.9	2.8	2.8	2.7	461.9	400.3	309.7	172.2	70.9	43.4	0.1	0.5	2.8	20.3	0.0	1.7	31.0	0.0	0.0	0.0
08	78.2	58.9	68.6	2.6	2.7	2.5	420.2	359.1	269.9	136.8	48.5	27.3	0.3	1.1	4.9	26.8	0.0	0.9	31.0	0.0	0.0	0.0
09	70.3	51.2	60.8	2.6	2.8	2.5	205.2	162.1	107.4	44.0	13.3	7.1	32.8	49.7	84.9	171.6	0.0	0.2	29.9	0.0	0.2	0.0
10	57.1	39.2	48.2	3.3	2.6	2.7	31.5	20.6	9.6	2.0	0.4	0.2	243.8	294.9	377.0	524.4	0.0	0.0	24.2	0.0	5.9	0.0
11	43.4	28.1	35.8	5.1	4.5	4.7	1.3	0.6	0.1	0.0	0.0	0.0	578.9	638.1	727.6	877.5	0.0	0.0	7.8	4.0	19.8	0.0
12	31.7	16.9	24.3	4.5	5.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	951.6	1013.6	1106.6	1261.6	0.0	0.0	0.7	16.0	28.8	2.7
Summary	53.7	35.7	44.7	3.8	3.8	3.7	1520	1262	914	451	164	96	5227	5699	6446	7808	0.0	3.9	205.2	67.8	153.0	15.6

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	1.69	10.1	4.8	0.8	0.2	0.93	1.39	1.99	
02	1.18	7.5	3.6	0.5	0.0	0.74	1.14	1.50	
03	1.88	8.2	5.0	1.2	0.3	1.15	1.75	2.48	
04	2.97	10.6	6.7	2.1	0.6	1.91	3.05	3.67	
05	3.50	12.1	7.2	2.4	0.8	2.55	3.25	4.08	
06	3.88	11.4	7.4	2.3	0.9	2.31	3.42	4.39	
07	3.93	11.8	7.7	2.4	0.9	2.23	3.82	5.02	
08	3.26	10.2	6.3	2.6	0.6	2.41	3.49	4.09	
09	3.33	10.7	6.6	2.5	0.7	2.10	2.91	4.42	
10	3.29	12.1	6.6	2.3	0.8	1.93	3.04	4.18	
11	2.35	8.8	4.9	1.2	0.5	1.44	2.01	2.75	
12	1.82	9.4	4.6	1.1	0.2	0.85	1.45	2.03	
Summary	33.08	122.9	71.4	21.4	6.5	20.55	30.72	40.60	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	11.70	8.0	4.5	1.5	0.5	0.1	25.4	20.8	13.7	4.0	6.20	10.60	17.40
02	11.10	6.0	3.7	1.0	0.5	0.0	25.2	22.2	19.0	8.8	5.70	10.10	12.90
03	7.60	3.7	2.5	1.0	0.3	0.0	15.8	13.2	10.5	4.1	4.90	6.50	10.20
04	3.40	1.7	1.0	0.4	0.2	0.0	2.9	1.2	0.7	0.3	0.10	2.00	4.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.10	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	1.90	1.7	0.8	0.1	0.1	0.0	2.5	0.9	0.4	0.1	0.50	1.00	2.00
12	8.00	5.9	3.2	1.0	0.4	0.0	15.5	11.1	6.9	1.3	3.60	6.30	12.20
Summary	43.8	27.2	15.7	5.0	2.0	0.1	87.3	69.4	51.2	18.6	21.0	36.5	58.7

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.1	1.8	25.0	133.2	440.8	739.4	926.8	884.9	622.5	272.1	56.6	4.0
45	0.0	0.3	9.5	63.1	298.3	589.4	771.7	729.9	473.7	158.5	20.5	0.7
50	0.0	0.0	3.4	25.3	178.8	440.5	616.8	574.9	331.4	78.3	5.9	0.0
55	0.0	0.0	1.1	8.1	92.4	298.5	461.9	420.2	205.2	31.5	1.3	0.0
60	0.0	0.0	0.3	2.0	40.9	173.8	309.7	269.9	107.4	9.6	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	1.1	15.9	74.8	242.5	451.5	611.3	574.4	364.8	133.9	24.3	1.5
Growing Degree Units (Accumulated Monthly)												
40	0	2	27	160	601	1340	2267	3152	3774	4047	4103	4107
45	0	0	10	73	371	961	1732	2462	2936	3094	3115	3116
50	0	0	3	29	208	648	1265	1840	2171	2249	2255	2255
55	0	0	1	9	102	400	862	1282	1487	1519	1520	1520
60	0	0	0	2	43	217	527	797	904	914	914	914
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	17	92	334	786	1397	1972	2336	2470	2495	2496

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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